AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1   1.   (Currently amended) A computer-implemented method for managing files, the

2   method comprising:

3   recording information about ~~a~~ one or more items in a file system to a comparison file,

4   wherein the information recorded to the comparison file includes location

5   information ~~identifying at least a first item~~ to identify where in the file system

6   the one or more items are located; ~~located at a first location, the first location~~

7   ~~being identifiable by a first location information;~~

8   generating ~~making~~ a working version of a portion of the file system, the working

9   version including at least ~~a first~~ one or more working item~~s~~ that corresponds

10   to the one or more ~~first~~ item~~s~~ located in the file system; ~~, the first working~~

11   ~~item initially being located at a second location identifiable by the first~~

12   ~~location information; and~~

13   persistently maintaining the working version; and

14   upon a synchronization event, comparing ~~using~~ the location information for the one

15   or more items in the comparison file to ~~and about~~ the working version to

16   ~~subsequently~~ determine if any of the corresponding one or more working

17   items has been moved to a new location in the working version. ~~the first~~

18   ~~working item is located at a third location identifiable by a second location~~

19   ~~information, the second location information being different than the first~~

20   ~~location information.~~

1 2. (Currently amended) The computer-implemented method of claim 1, wherein if any

2   of the corresponding working items has been moved in the working version, the first

3   working item is located at the third location, the method includes causing the item in

4   the first item in the file system to move to a corresponding new location in the file

5   system. a fourth location identifiable by the second location information.

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1 3. (Currently amended) The computer-implemented method of claim 1, wherein using

2   comparing the location information for the one or more items in the comparison file

3   and about to the working version to subsequently determine if any of the

4   corresponding one or more first working items has been moved to a new is located at

5   third location identifiable by a second location information includes determining if

6   any of the first one or more working items has a new name.

1

1 4. (Currently amended) The computer-implemented method of claim 3, wherein

2   generating making a the working version of a portion of the file system includes

3   recording a creation time of the first one or more working items in the comparison

4   file.

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1 5. (Currently amended) The computer-implemented method of claim 3, wherein

2   comparing the location information for the one or more items in the comparison file

3   and about to the working version to subsequently determine if any of the

4   corresponding one or more first working items has been moved to a new is located at

5   third location ~~identifiable by a second location information~~ includes locating the <u>one</u>

6   <u>or more</u> ~~first~~ working item<u>s</u> in the working version using the creation time.

1

1   6. (Currently amended) The <u>computer-implemented</u> method of claim 1, further

2   including signaling the file system to delete <u>the item in the file system</u> ~~the first item~~ if

3   the <u>corresponding item</u> ~~first working item~~ has been deleted from the working version.

1

1   7. (Currently amended) The <u>computer-implemented</u> method of claim 4, further

2   including using the creation time of the <u>one or more</u> ~~first~~ working item<u>s</u> to determine

3   <u>if any of</u> ~~that~~ the <u>one or more</u> ~~first~~ working item<u>s</u> has been deleted from the working

4   version and signaling the file system to delete the <u>corresponding</u> ~~first~~ item <u>in the file</u>

5   <u>system</u>.

1

1   8. (Currently amended) The <u>computer-implemented</u> method of claim 4, wherein

2   making a working version of a portion of the file system includes recording a

3   modification time of the <u>one or more</u> ~~first~~ working item<u>s</u> in the comparison file.

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1   9. (Currently amended) The <u>computer-implemented</u> method of claim 1, further

2   comprising determining if the <u>one or more</u> ~~first~~ working item<u>s</u> ~~was~~ <u>were</u> edited

3   subsequent to making the working version.

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1   10. (Currently amended) The <u>computer-implemented</u> method of claim 8, further

2   comprising determining if the <u>one or more</u> ~~first~~ working item<u>s</u> ~~was~~ <u>were</u> edited

3   subsequent to making the working version using the modification time of the <u>one or</u>

4   <u>more</u> ~~first~~ working item<u>s</u>.

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1   11.   (Currently amended) The <u>computer-implemented</u> method of claim 10, further

2   comprising determining if a subsequent modification time of the <u>one or more</u> ~~first~~

3   working item<u>s</u> is different than the recorded modification time for the <u>one or more</u>

4   ~~first~~ working item<u>s</u>.

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1   12.   (Currently amended) A <u>computer-implemented</u> method for managing files, the

2   method comprising:

3   recording information about ~~a~~ <u>one or more items in</u> a file system to a comparison file,

4   <u>wherein the information recorded to the comparison file includes location</u>

5   <u>information to identify where in the file system the one or more items is</u>

6   <u>located</u>;

7   making a working version of a portion of the file system<u>, wherein the working</u>

8   <u>version includes one or more working items corresponding to the one or more</u>

9   <u>items in the file system</u>; and

10   persistently maintaining the working version; and

11   <u>upon a synchronization event, comparing</u> ~~using~~ information in the comparison file <u>to</u>

12   ~~and about~~ the working version to ~~subsequently~~ determine if a first working

13   item in the working version was ~~once~~ copied from a second working item in

14   the working version.

1

1   13.   (Currently amended) The <u>computer-implemented</u> method of claim 12, further

2   comprising causing the portion of the file system to include the first working item

3   after determining the first working item was ~~once~~ copied from the second working

4   item.

1

1   14.   (Currently amended) The <u>computer-implemented</u> method of claim 12, wherein the

2   second working item originates from a first item in the portion of the file system.

1

1   15.   (Currently amended) The <u>computer-implemented</u> method of claim 13, wherein the

2   second working item is created as new after the working version is made.

1

1   16.   (Currently amended) The <u>computer-implemented</u> method of claim 13, wherein a

2   content of the first working item is different than a content of the second working

3   item.

1

1   17.   (Currently amended) The <u>computer-implemented</u> method of claim 14, wherein

2   making a working version includes recording both a creation time and a modification

3   time in the comparison file for the ~~second~~ <u>one or more</u> working item<u>s</u>.

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1   18.   (Currently amended) The <u>computer-implemented</u> method of claim 17, wherein ~~using~~

2   <u>comparing</u> information in the comparison file ~~and about~~ <u>to</u> the working version to

3   ~~subsequently~~ determine if a first working item in the working version was once

4   copied from a second working item in the working version includes identifying a

5   creation time and a modification time for the first working item.

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1   19.   (Currently amended) The <u>computer-implemented</u> method of claim 18, wherein ~~using~~

2   <u>comparing</u> information in the comparison file ~~and about~~ <u>to</u> the working version to

3   ~~subsequently~~ determine if a first working item in the working version was once

4   copied from a second working item in the working version includes detecting that the

5   modification time of the first working item is before the creation time of the first

6   working item.

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1   20.   (Currently amended) The <u>computer-implemented</u> method of claim 19, wherein ~~using~~

2   <u>comparing</u> information in the comparison file ~~and about~~ <u>to</u> the working version to

3   ~~subsequently~~ determine if a first working item<u>s</u> in the working version was once

4   copied from a second working item in the working version includes matching the

5   modification time of the first working item<u>s</u> with the modification time of the second

6   working item.

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1   21.   (Currently amended) The <u>computer-implemented</u> method of claim 12, further

2   comprising determining if the first working item was edited after being copied from

3   the second working item.

1

1   22.   (Currently amended) The <u>computer-implemented</u> method of claim 18, further

2   comprising determining that the first working item is new if the creation time of the

3   first working item<u>s</u> is different than a creation time of all of the items identified by

4   the comparison file, and if the modification time for the first working item is greater

5   than or equal to creation time for the first working item.

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1   23.   (Currently amended) The <u>computer-implemented</u> method of claim 22, further

2   comprising causing the portion of the file system to include the first working item

3   after determining the first working item is new.

1

1   24.   (Currently amended) The <u>computer-implemented</u> method of claim 12, wherein ~~using~~

2   <u>comparing</u> information in the comparison file ~~and about~~ <u>to</u> the working version to

3   ~~subsequently~~ determine if a first working item in the working version was once

4   copied from a second working item in the working version includes comparing a

5   content of the first working item to a content of the second working item.

1

1   25.   (Currently amended) A <u>computer-implemented</u> method for managing files, the

2   method comprising:

3   recording information about a file system to a comparison file, the information

4   identifying at least a first item in the file system located at a first location, the

5   first location being identifiable by a first location information;

6   making a working version of a portion of the file system, the working version

7   including at least a first working item originating from the first item, the first

8   working item initially being located at a ~~second~~ <u>first working</u> location, the

9   ~~second~~ <u>first working</u> location ~~being identifiable by~~ <u>corresponding to</u> the first

10   location information;

11   persistently maintaining the working version; and

12   <u>upon a synchronization event, comparing</u> ~~using~~ information in the comparison file

13   ~~and about~~ <u>to</u> the working version to detect if at least one of two operations

14   were performed on the working version, the operations including changing the

15   first <u>working</u> location information for the first working item, and editing a

16   content of the first working item.

1

1   26.   (Currently amended) The <u>computer-implemented</u> method of claim 25, wherein

2   making a working version of a portion of the file system includes recording an initial

3   modification time for the first working item in the comparison file, the initial

4   modification time recording a last instance when the first working item was either

5   edited or created.

1

1   27.   (Currently amended) The <u>computer-implemented</u> method of claim 26, wherein

2   detecting the operation of editing the content of the first working item includes

3   subsequently determining if the initial modification time was changed.

1

1   28.   (Currently amended) The <u>computer-implemented</u> method of claim 27, further

2   comprising causing the first item of the file system to include the edited content of the

3   first working item.

1

1   29.   (Currently amended) The <u>computer-implemented</u> method of claim 25, wherein

2   making a working version of the file system includes recording a creation time for the

3   first working item.

1

1   30.   (Currently amended) The <u>computer-implemented</u> method of claim 29, wherein

2   <u>comparing</u> using information in the comparison file and about <u>to</u> the working version

3   to detect if at least one of two operations were performed on the working version

4   includes locating the first working item in the working version using the creation

5   time.

1

1   31.   (Currently amended) A <u>computer-implemented</u> method for managing files, the

2   method comprising:

3   recording information about a file system to a comparison file, the information

4   identifying at least a first item in the file system located at a first location, the

5   first location being identifiable by a first location information;

6   making a working version of a portion of the file system, the working version

7   including at least a first working item originating from the first item, the first

8   working item initially being located at a ~~second~~ <u>first working</u> location, the

9   ~~second~~ <u>first working</u> location ~~being identifiable by~~ <u>corresponding to</u> the first

10   location information;

11   persistently maintaining the working version; and

12   <u>upon a synchronization event, comparing</u> ~~using~~ information in the comparison file

13   ~~and about~~ <u>to</u> the working version to determine if a compound operation was

14   performed on the first working item, the compound operation including at

15   least two successive operations from a set of operations that consist of

16   changing the first <u>working</u> location information for the first working item,

17   making a first working copy from the first working item, and editing a content

18   of the first working item.

1

1　32.　(Currently amended) The computer-implemented method of claim 31, further

2　　　　comprising causing the portion of the file system to incorporate changes made by

3　　　　operations performed on the working version so that the first item matches the first

4　　　　working item.

1

1　33.　(Currently amended) The computer-implemented method of claim 31, wherein ~~for~~

2　　　　when one of the at least two successive compound operations ~~being~~ is making a first

3　　　　working copy from the first working item, the method further includes determining if

4　　　　a selected working item in the working version was once copied from the first

5　　　　working item.

1

1　34-75. (Canceled)

1

1　76.　(Currently amended) A computer readable storage medium carrying instructions for

2　　　　managing files, the instructions including instructions for performing the steps of:

3　　　　recording information about ~~a~~ one or more items in a file system to a comparison file,

4　　　　　　wherein the information recorded to the comparison file includes location

5　　　　　　information ~~identifying at least a first item~~ to identify where in the file system

6　　　　　　the one or more items are located; ~~located at a first location, the first location~~

7　　　　　　~~being identifiable by a first location information;~~

8　　　　generating ~~making~~ a working version of a portion of the file system, the working

9　　　　　　version including at least ~~a first~~ one or more working items that corresponds

10　　　　　　to the one or more ~~first~~ items located in the file system; ~~, the first working~~

11   ~~item initially being located at a second location identifiable by the first~~

12   ~~location information; and~~

13   persistently maintaining the working version; and

14   upon a synchronization event, comparing ~~using~~ the location information for the one

15   or more items in the comparison file to ~~and about~~ the working version to

16   ~~subsequently~~ determine if any of the corresponding one or more working

17   items has been moved to a new location in the working version. ~~the first~~

18   ~~working item is located at a third location identifiable by a second location~~

19   ~~information, the second location information being different than the first~~

20   ~~location information.~~

1

1   77.   (Currently amended) The computer readable storage medium of claim 76, wherein if

2   any of the corresponding working items has been moved in the working version, ~~the~~

3   ~~first working item is located at the third location,~~ the method includes causing the

4   item in the ~~first item in the~~ file system to move to a corresponding new location in the

5   file system. ~~a fourth location identifiable by the second location information.~~

1

1   78.   (Currently amended) The computer readable storage medium of claim 76, wherein

2   the step of comparing ~~using~~ the location information for the one or more items in the

3   comparison file ~~and about~~ to the working version to determine if any of the ~~first~~

4   corresponding one or more working items has been moved to a new ~~is subsequently~~

5   ~~located at a third~~ location ~~identifiable by a second location information~~ includes

6   instructions for determining if any of the one or more ~~first~~ working items has a new

7   name.

1

1 79.   (Currently amended) The computer readable storage medium of claim 78, wherein

2   the step of generating making a the working version of a portion of the file system

3   includes instructions for recording a creation time of the first one or more working

4   items in the comparison file.

1

1 80.   (Currently amended) The computer readable storage medium of claim 78, wherein

2   the step of using comparing the location information for the one or more items in the

3   comparison file and about to the working version to determine if any of the first

4   working items has been moved to a new is subsequently located at a third location

5   identifiable by a second location information includes locating the one or more first

6   working items in the working version using the creation time.

1

1 81.   (Currently amended) The computer readable storage medium of claim 76, further

2   including instructions for signaling the file system to delete the first item in the file

3   system if the first corresponding working item has been deleted from the working

4   version.

1

1 82.   (Currently amended) The computer readable storage medium of claim 79, further

2   including instructions for using the creation time of the one or more first working

3   items to determine if any of that the one or more first working items has been deleted

4   from the working version and signaling the file system to delete the corresponding the

5   first item in the file system.

1

1   83.   (Currently amended) The computer readable <u>storage</u> medium of claim 79, wherein

2   the step of making a working version of the file system includes instructions for

3   recording a modification time of the <u>one or more</u> ~~first~~ working item<u>s</u> in the

4   comparison file.

1

1   84.   (Currently amended) The computer readable <u>storage</u> medium of claim 76, further

2   comprising instructions for determining if the <u>one or more</u> ~~first~~ working item<u>s</u> was

3   edited subsequent to making the working version.

1

1   85.   (Currently amended) The computer readable <u>storage</u> medium of claim 83, further

2   comprising instructions for determining if the <u>one or more</u> ~~first~~ working item<u>s</u> was

3   edited subsequent to making the working version using the modification time of the

4   <u>one or more</u> ~~first~~ working item<u>s</u>.

1

1   86.   (Currently amended) The computer readable <u>storage</u> medium of claim 85, wherein

2   the step of using the modification time of the <u>one or more</u> ~~first~~ working items

3   includes instructions for determining if a subsequent modification time of the <u>one or</u>

4   <u>more</u> ~~first~~ working item<u>s</u> is different than the recorded modification time for the <u>one</u>

5   <u>or more</u> ~~first~~ working item<u>s</u>.

1

1   87.   (Currently amended) A computer readable <u>storage</u> medium carrying instructions for

2   managing files on different computers, the instructions including instructions for

3   performing the steps of:

4   recording information about a one or more items in a file system to a comparison file,

5   wherein the information recorded to the comparison file includes location

6   information to identify where in the file system the one or more items is

7   located;

8   making a working version of a portion of the file system, wherein the working

9   version includes one or more working items corresponding to the one or more

10   items in the file system; and

11   persistently maintaining the working version; and

12   upon a synchronization event, comparing using information in the comparison file to

13   and about the working version to subsequently determine if a first working

14   item in the working version was once copied from a second first working item

15   location in the working version.

1

1   88. (Currently amended) The computer readable storage medium of claim 87, further

2   comprising instructions for causing the file system to copy a corresponding first file

3   system item to a corresponding new location in the file system include the first

4   working item after determining the first working item was once copied from the first

5   working item location in the working version.

1

1   89. (Canceled)

1

1   90. (Currently amended) The computer readable storage medium of claim 88, wherein a

2   content of the first working item is different than a content of the a second working

3   item.

1

1   91.   (Currently amended) The computer readable storage medium of claim 87 89,

2   wherein the step of making a working version includes instructions for recording both

3   a creation time and a modification time in the comparison file for the first working

4   item after it has been copied to a second working item location.

1

1   92.   (Currently amended) The computer readable storage medium of claim 91, wherein

2   the step of using information in the comparison file and about the working version to

3   subsequently determine if a first working item in the working version was once

4   copied from a second first working item location to the second working item location

5   in the working version includes instructions for identifying a creation time and a

6   modification time for the first working item.

1

1   93.   (Currently amended) The computer readable storage medium of claim 92, wherein

2   the step of using information in the comparison file and about the working version to

3   subsequently determine if a first working item in the working version was once

4   copied from a second first working item location to the second working item location

5   in the working version includes instructions for detecting that the modification time

6   of the first working item at the first working item location is before the creation time

7   of the first working item at the second working item location.

1

1   94.   (Currently amended) The computer readable storage medium of claim 93, wherein

2   the step of using information in the comparison file and about the working version to

3   subsequently determine if a first working item in the working version was once

4   copied from the first working item location to the second working item location in the

5   working version includes instructions for matching the modification time of the first

6   working item at the first working location with the modification time of the ~~second~~

7   first working item at the second working location.

1

1   95.   (Currently amended) The computer readable storage medium of claim 87, further

2   comprising instructions for performing the steps of determining if the first working

3   item was edited after being copied ~~from the second working item~~.

1

1   96.   (Currently amended) The computer readable storage medium of claim 92, further

2   comprising instructions for performing the steps of determining that the first working

3   item is new if the creation time of the first working item is different than a creation

4   time of all of the items identified by the comparison file, and if the modification time

5   for the first working item at the second working item location is greater than or equal

6   to the creation time for the first working item at the first working item location.

1

1   97.   (Currently amended) The computer readable storage medium of claim 96, further

2   comprising instructions for performing the step of causing the file system to include a

3   corresponding item in the file system ~~the first working item~~ after determining the first

4   working item is new.

1

1   98.   (Currently amended) The computer readable storage medium of claim 87, wherein

2   the step of using information in the comparison file and about the working version to

3   subsequently determine if a first working item in the working version was once

4 copied from a ~~second~~ first working item <u>location</u> in the working version includes

5 instructions for comparing a content of the first working item to a content of the

6 ~~second~~ working item <u>at the second working item location</u>.

1

1 99. (Currently amended) A computer readable <u>storage</u> medium for managing files, the

2 computer readable medium carrying instructions including instructions for

3 performing the steps of:

4 recording information about a file system to a comparison file, the information

5 identifying at least a first item in the file system located at a first location, the

6 first location being identified by a first location information;

7 making a working version of a portion of the file system, the working version

8 including at least a first working item originating from the first item, the first

9 working item initially being located at ~~a second~~ first working location, the

10 ~~second~~ first working location ~~being identifiable by~~ corresponding to the first

11 location information;

12 persistently maintaining the working version; and

13 <u>upon a synchronization event,</u> using information in the comparison file and about the

14 working version to detect if at least one of two operations were performed on

15 the working version, the operations including changing the first location

16 information for the first working item, and editing a content of the first

17 working item.

1

1 100. (Currently amended) The computer readable <u>storage</u> medium of claim 99, wherein

2 the step of making a working version of a portion of the file system includes

3   instructions for recording an initial modification time for the first working item in

4   the comparison file, the initial modification time recording a last instance when the

5   first working item was either edited or created.

1

1 101. (Currently amended) The computer readable storage medium of claim 100, wherein

2   the step of ~~using~~ comparing information in the comparison file ~~and about~~ to the

3   working version to detect if at least one of two operations were performed on the

4   working version includes instructions for subsequently determining if the initial

5   modification time was changed.

1

1 102. (Currently amended) The computer readable storage medium of claim 101, further

2   comprising instructions for performing the step of causing the file system to include

3   the edited content of the first working item.

1

1 103. (Currently amended) The computer readable storage medium of claim 99, wherein

2   the step of making persistently maintaining a working version of a portion of the file

3   system includes instructions for recording a creation time for the first working item.

1

1 104. (Currently amended) The computer readable storage medium of claim 103, wherein

2   the step of using information in the comparison file and about the working version to

3   detect if at least one of two operations were performed on the working version

4   includes instructions for locating the first working item in the working version using

5   the creation time.

1

1   105.   (Currently amended) A computer readable storage medium carrying instructions for

2   managing files, the instructions including instructions for performing the steps of:

3   recording information about a file system to a comparison file, the information

4   identifying at least a first item in the file system located at a first location, the

5   first location being identified by a first location information;

6   making a working version of a portion of the file system, the working version

7   including at least a first working item originating from the first item, the first

8   working item initially being located at a-second first working location, the

9   second first working location being-identifiable-by corresponding to the first

10   location information;

11   persistently maintaining the working version; and

12   upon a synchronization event, comparing using information in the comparison file

13   and-about to the working version to determine if a compound operation was

14   performed on the first working item, the compound operation including at

15   least two successive operations from a set of operations that consist of

16   changing the first working location information for the first working item,

17   making a first working copy from the first working item, and editing a

18   content of the first working item.

1

1   106.   (Currently amended) The computer readable storage medium of claim 105, further

2   comprising instructions for indicating which of the operations were performed on the

3   first working item to change the first item in the file system if the compound

4   operation is determined to have been performed.

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1   107.   (Currently amended) The computer readable storage medium of claim 105, wherein

2   for when one of the at least two successive compound operations is being making a

3   first working copy from the first working item, the computer readable medium

4   further includes instructions for determining if a selected working item in the

5   working version was once copied from the first working item.